

and is apparently without the breast-spots which distinguish the male.

This form is very distinct from all the others of the genus. It differs from *P. gracilis* in the plain unstriped upper surface and from *P. mistacea*, a race of which, *P. m. graueri*, occurs in Angola, in its smaller bill, longer tail, and presence of spots on the breast.

There is a good series of this new form, which has remained so long innominate in the Museum. Fifteen examples, male and female, were obtained by Dr. Ansorge in September and October 1905 at Huxe, Catumbella, and near Benguella Town, all in southern Angola.

Mr. TOKU T. MOMIYAMA sent the following descriptions of six new birds from Japan, Korea, and Sakhalin :—

*Garrulus japonicus nakaokæ*, subsp. nov.

Differs from *G. j. japonicus* in having on the average a shorter bill, wing, and tarsus, but the bill a little broader and thicker. The upper surface and abdomen are a little darker.

*Measurements.*

	<i>G. j. nakaokæ.</i> mm.	<i>G. j. japonicus.</i> mm.
Exposed culmen ..	24·5–27·5 (av. 25·8)	25·0–29·0 (av. 27·1)
Wing .....	159–172 (av. 165·6)	159·5–180 (av. 169·2)
Tarsus....	34·5–39·0 (av. 37·4)	35·0–42·0 (av. 39·1)

*Types* in Athenæi Ornithologici Momiyamici. ♂ ad. and ♀ ad. Kuroiwamura, Takaoka-gun, Prov. Tosa in Sikoku, 17th January, 1927. Sent by Mrs. Koma Nakaoka. Registered Nos. 27.0068 and 27.0070.

*Material examined.* Nine specimens, compared with thirty-five specimens of typical form from Hondo.

*Distribution.* Probably all over Sikoku Island.

*Garrulus japonicus hiugaensis*, subsp. nov.

Nearest to *G. j. nakaokæ* from Sikoku, but distinguished by its general darker coloration. Comparing with other northern races, the whitish-striped colour of the occiput is

suffused with the deep brownish colour of the back. This form is intermediate between *G. j. nakaokæ* and *G. j. orii*.

*Measurements.* A trifle larger than *nakaokæ*. Wing 160–173·5 mm., an average of 167·7 mm.

*Types* in Athenæi Ornithologici Momiyamici. ♂ ad. and ♀ ad. Nisimera-mura, Koyu-gun, Prov. Hiuga, February 1927. Collected by Tomogorô Tanaka. Registered Nos. 27.0075 and 27.0076.

*Material examined.* Six examples of the new race from provinces Hiuga and Higo, of southern Kiusiu.

*Distribution.* Probably confined within southern Kiusiu.

NOTE.—The form found in northern Kiusiu resembles *nakaokæ*, but the bill is much shorter and measures from the nostril 17·5 mm. As, however, only one example is available, it is impossible to say if that difference is constant.

#### *Parus major tatibanai*, subsp. nov.

Compared with *P. m. wladivostokensis* (specimens from Korea), the wing and tail are somewhat shorter, and the band on wing pure white, without any dark tinge to the white on greater coverts. Entire lower parts, except the limited median black patch, tinged with lighter yellow.

#### *Measurements.*

	<i>P. m. tatibanai.</i>	<i>P. m. wladivostokensis.</i>	
	Sakhalin.	Korea.	Vladivostok.
Wing, ♂ . . . .	65·5–70·5 mm.	68·5–71 mm.	71–73 mm.
" ♀ . . . .	66·5    "	66–68   "	—
Tail, ♂ . . . .	60–66   "	65–66·5 "	68–70·5 "
" ♀ . . . .	58       "	56·5–62 "	—

*Types* in Athenæi Ornithologici Momiyamici. ♂ ad. æst. and ♀ ad. æst. Konuma, Toyokita-mura, Toyohara-gun, S. Sakhalin, 23rd April, 1926. Collected by Matakiti Tati-bana from Sakhalin. Coll. Nos. 120 and 121.

*Material examined.* Four males and one female.

*Distribution.* Probably confined to Sakhalin Island.

***Strix uralensis tatibanai*, subsp. nov.**

Readily distinguished by the smaller size from *S. u. nikolskii*. The dark phase in general coloration resembles most nearly *S. u. japonica*, but it may easily be distinguished from that form by the whole surface of a paler tint, and in having the head and back more tinged with ochre. The size is larger than *japonica*.

*Measurements.*

<i>S. u. japonica.</i>	Hokkaido ..	Wing, 267-313 mm.;	tail, 201-235 mm.
<i>S. u. tatibanai</i>	Sakhalin....	„ 316-338 „	„ 241-260 mm.
<i>S. u. nikolskii.</i>	S.E. Siberia .	„ 330-350 „	

*Type* in Athenæi Ornithologici Momiyamici. ♂ ad. Keton, Sisuka-gun, Sisuka Prefect-District, S. Sakhalin, 4th November, 1926. Collected by Matakiti Tatibana. Coll. No. 491.

*Material examined.* Ten examples from Sakhalin.

*Distribution.* Probably confined within Sakhalin Island.

***Strix uralensis morii*, subsp. nov.**

Distinguished from the dark phase of *S. u. tatibanai* by the deeper brown, less greyish colour. The feathers of both forms are mottled in the same manner. The wing-coverts, under surface, and feathers of the feet and toes are more buffish brown.

*Measurements.* Wing, ♀, 326-330 mm.; tail 230-254 mm.

*Type* in Athenæi Ornithologici Momiyamici. ♀ ad. Vicinity of Seoul, Keiki District in Korea, 5th March, 1927. Sent by Mr. Tamezô Mori. Provisional No. 1x.30.

*Material examined.* Two specimens from N. Heian and Keiki Districts.

*Distribution.* Confined to Korean peninsula, except northernmost part.

***Strix uralensis nigra*, subsp. nov.**

Darker sepia than *S. u. fuscescens* of Northern Kiusiu. The paler sepia markings on the feathers barely indicated; the face, head, hind neck, back, and wing-coverts are very dark sepia.

*Measurement.* Wing, ♀, 325, 326 mm.; tail 229 mm.

*Type* in Athenæi Ornithologici Momiyamici. ♀. Prov. Ohsumi, spring in 1924. Purchased. Provisional No. 1x.39.

*Distribution.* Southern districts of Kiusiu.

NOTES ON *ALECTORIS CHUKAR*, WITH DESCRIPTIONS  
OF SIX NEW SUBSPECIES.

On behalf of Dr. P. P. Sushkin, the Editor forwarded the following descriptions:—

*Alectoris chukar* \* *caucasica*, subsp. nov.

Nearest to *cypriotes* Hart., but still greyer and lighter. In spring, back of neck largely light neutral-grey; interscapulium and inner scapulars greyer than mouse-grey; the narrow band across the interscapulium brownish-drab. Crown of the head tinged with fawn. White eyebrow-stripe broad, 4–5 mm. Ear-coverts light chestnut, without blackish. Black bars of the flanks broad, as in *cypriotes*; chestnut edgings dark, and present on few feathers only.

Rather large: wing, ♂ 160, ♀ 140 mm.

*Type* in the Zool. Mus. Russ. Acad. Sci., 8398, ♂, Akhaltzykh, Transcaucasia, 25 (13) May, 1878, Mikhalovski leg.

Twelve specimens examined.

*Distribution.* Main Caucasus range, both slopes.

NOTE.—Birds from Ararat, Kars, and Erzerum seem to be slightly different, the fawn tinge of the interscapulium being more vivid and appearing also on the inner scapulars and innermost secondaries. My material is insufficient for recognizing or rejecting them as separate form.

\* I prefer to treat as belonging to *Alectoris græca* only the forms *græca* and *saxatilis*, and to consider the remaining Chukar partridges, beginning by *cypriotes* in the west and with the exception of *magna*, as forming a separate species, *A. chukar*, with numerous subspecies. I hope to return to this question elsewhere.